

PENDING CLAIMS AS AMENDED

Please amend the claims as follows:

1-8. (Cancelled)

9. (Previously Presented) A wireless data communication system apparatus, comprising:

a plurality of network access points; and

a plurality of control points, each of said plurality of control points being co-located with one of said plurality of network access points;

wherein each of the control points is configured to control communications between a remote user and at least two of said plurality of network access points including control of said remote user's transmit power and wherein each of said plurality of control points is configured to transfer control over at least one of the plurality of network access points to a different control point.

10. (Previously Presented) A wireless data communication system apparatus, comprising:

a plurality of network access points;

a plurality of control points, each of said plurality of control points being co-located with one of said plurality of network access points; and

a plurality of foreign agents, each of said plurality of foreign agents being co-located with one of said plurality of network access points, wherein each of the control points is configured to control communications between a remote user and at least two of said plurality of network access points including control of said remote user's transmit power and wherein said plurality of foreign agents de-capsulate data.

11. (Previously Presented) A wireless data communication system apparatus, comprising:

a plurality of routers;

a plurality of network access points, each of said plurality of network access points being configured to:

communicate with at least two of said plurality of routers; and

communicate with at least one remote user; and

a plurality of control points, each of said plurality of control points being co-located with one of said plurality of network access points;

wherein each of the control points is configured to control communications between a remote user and at least two of said plurality of network access points including control of said remote user's transmit power.

12. (Currently Amended) A method for data flow control in a distributed data communication system, comprising:

receiving at a router data intended for a remote user; and

transmitting the received data from a home agent to a foreign agent, the foreign agent being co-located with a network access point, whereby said foreign agent de-capsulates said data.

13. (Currently Amended) The method as claimed in claim 12, wherein said transmitting the received data to a foreign agent comprises:

providing said received data intended for the remote user to [a] said home agent, the home agent being associated with the router, whereby said home agent encapsulates said data destined to a current care-of-address of said remote user.

14. (Cancelled)

15. (Cancelled)

16. (Cancelled)
17. (Cancelled)
18. (Cancelled)
19. (Cancelled)
20. (Cancelled)
21. (Cancelled)
22. (Previously Presented) A wireless data communication system apparatus, comprising:
a plurality of network access points; and
a plurality of control points, each of said plurality of control points being co-located with one of said plurality of network access points;
wherein each of the control points is configured to control communications between a remote user and at least two of said plurality of network access points including control of said remote user's transmit power and wherein each of said plurality of network access points is configured to communicate with at least two of a plurality of routers.
23. (Previously Presented) The wireless data communication system apparatus as claimed in claim 22, further comprising:
a plurality of home agents, each of said plurality of home agents being associated with one of said plurality of routers, whereby said home agent encapsulates ~~said~~ data in ~~said~~ packets destined to a current care-of-address of said remote user.